



OIPE

## RAW SEQUENCE LISTING

DATE: 03/21/2003

PATENT APPLICATION: US/09/766,880B

TIME: 13:38:06

Input Set : A:\110163-132US2.ST25.txt

Output Set: N:\CRF4\03212003\I766880B.raw

4 <110> APPLICANT: Jones, Chris L.  
 5           Abrams, Ezra S.  
 6           Kieffer-Higgins, Stephen G.  
 7           Zhang, Jianhong  
 8           Eacock, Graham P.  
 9           Webb, Michael  
 10          McLewell, Christopher S.

11 <120> TITLE OF INVENTION: Methods of and Apparatus for Separating and Detecting  
 Nucleic Acid

12 <130> FILE REFERENCE: 110163.132US2  
 13 <140> CURRENT APPLICATION NUMBER: US 09/766,880B  
 14 <141> CURRENT FILING DATE: 2001-01-19  
 15 <150> PRIOR APPLICATION NUMBER: US 60/176,839  
 16 <151> PRIOR FILING DATE: 2001-01-19  
 17 <160> NUMBER OF SEQ ID NOS: 20  
 18 <170> SOFTWARE: FastSeq for Windows Version 4.0  
 19 <210> SEQ ID NO: 1

20 &lt;211&gt; LENGTH: 50

21 &lt;212&gt; TYPE: DNA

22 &lt;213&gt; ORGANISM: Staphylococcus epidermis

23 &lt;400&gt; SEQUENCE: 1

24 catgaacct ctgaggtcct gacggaagca gcattaagtg gatctcata 50

25 &lt;210&gt; SEQ ID NO: 2

26 &lt;211&gt; LENGTH: 16

27 &lt;212&gt; TYPE: DNA

28 &lt;213&gt; ORGANISM: Unknown

29 &lt;220&gt; FEATURE:

30 &lt;221&gt; OTHER INFORMATION: staphylococcus

31 &lt;400&gt; SEQUENCE: 2

32 acatgtcaag tctgacgga agcaga 26

33 &lt;210&gt; SEQ ID NO: 3

34 &lt;211&gt; LENGTH: 19

35 &lt;212&gt; TYPE: DNA

36 &lt;213&gt; ORGANISM: Staphylococcus aureus

37 &lt;400&gt; SEQUENCE: 3

38 catgaacct ctgaggtcct gacggaagca gcattaagtg gatctcata 50

39 &lt;210&gt; SEQ ID NO: 4

40 &lt;211&gt; LENGTH: 49

41 &lt;212&gt; TYPE: DNA

42 &lt;213&gt; ORGANISM: Unknown

43 &lt;220&gt; FEATURE:

44 &lt;221&gt; OTHER INFORMATION: staphylococcus

45 &lt;400&gt; SEQUENCE: 4

46 catgaacct gtcaggtcct gacggaagca gcattaagtg gatctcata 49

ENTERED

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64 <210> SEQ ID NO: 5
65 <211> LENGTH: 46
66 <212> TYPE: DNA
67 <213> ORGANISM: Streptococcus pyogenes
68 <400> SEQUENCE: 5
70 atttggtgctt aactgggtca ggggaggaat ccagcagccc taagcc
71 <210> SEQ ID NO: 6
72 <211> LENGTH: 46
73 <212> TYPE: DNA
74 <213> ORGANISM: Streptococcus pneumoniae
75 <400> SEQUENCE: 6
77 atttggtgctt aactgggtca ggggaggaat ccagcagccc taagcc
78 <210> SEQ ID NO: 7
79 <211> LENGTH: 30
80 <212> TYPE: DNA
81 <213> ORGANISM: Unknown
82 <400> SEQUENCE:
83 <213> OTHER INFORMATION: streptococcus
84 <400> SEQUENCE: 7
86 atttggtgctt aactgggtca ggggaggaat ccagcagccc taagcc
87 <210> SEQ ID NO: 8
88 <211> LENGTH: 46
89 <212> TYPE: DNA
90 <213> ORGANISM: Streptococcus equi
91 <400> SEQUENCE: 8
93 atttggtgctt aactgggtca ggggaggaat ccagcagcca taagcc
94 <210> SEQ ID NO: 9
95 <211> LENGTH: 46
96 <212> TYPE: DNA
97 <213> ORGANISM: Streptococcus mutans
98 <400> SEQUENCE: 9
100 atttggtgctt aactgggtca ggggaggaat ccagcagccc taagcc
101 <210> SEQ ID NO: 10
102 <211> LENGTH: 41
103 <212> TYPE: DNA
104 <213> ORGANISM: Unknown
105 <400> SEQUENCE:
106 <213> OTHER INFORMATION: streptococcus
107 <400> SEQUENCE: 10
109 atttggtgctt aactgggtca ggggaggaat ccagcagccc taagcc
110 <210> SEQ ID NO: 11
111 <211> LENGTH: 61
112 <212> TYPE: DNA
113 <213> ORGANISM: Klebsiella pneumoniae
114 <400> SEQUENCE: 11
116 ccaaacgcta ctctggttac caggtcaggt ccggaaggaa gcagccagag cagacgacgt
117 <210> SEQ ID NO: 12
118 <211> LENGTH: 64

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Output Set: N:\CRF4\03212003\I766880B.raw

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129 <210> TYPE: DNA
130 <211> ORGANISM: Unknown
131 <212> FEATURE:
132 <213> OTHER INFORMATION: styphimur W
133 <400> SEQUENCE: 12
134 ctagctttac caggtcaggt ccggaaggaa gcagccaagg cagatgacgc 60
135 gttc 64
136 <210> SEQ ID NO: 13
137 <211> LENGTH: 64
138 <212> TYPE: DNA
139 <213> ORGANISM: Escherichia coli
140 <400> SEQUENCE: 12
141 ctagctttac caggtcaggt ccggaaggaa gcagccaagg cagatgacgc 60
142 gttc 64
143 <210> SEQ ID NO: 14
144 <211> LENGTH: 16
145 <212> TYPE: DNA
146 <213> ORGANISM: Escherichia coli
147 <400> SEQUENCE: 14
148 ataggttagg tccggaaggga agcagc 26
149 <210> SEQ ID NO: 15
150 <211> LENGTH: 64
151 <212> TYPE: DNA
152 <213> ORGANISM: Pseudomonas aeruginosa
153 <400> SEQUENCE: 12
154 cgtacgaatt accgttaac ctggtcaggt ccggaaggaa gcagccacag cgggaacatc 60
155 gttc 64
156 <210> SEQ ID NO: 16
157 <211> LENGTH: 64
158 <212> TYPE: DNA
159 <213> ORGANISM: Bacillus cereus
160 <400> SEQUENCE: 16
161 cgcacaggga cccctgaacc ttgtcaggtc cggaagggaag cagcaataag cggctcttctc 60
162 gttc 64
163 <210> SEQ ID NO: 17
164 <211> LENGTH: 44
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
167 <214> FEATURE:
168 <215> OTHER INFORMATION: oligonucleotide probe
169 <400> SEQUENCE: 17
170 cccacagcgt accgttcagg tccggaaggga agcagcagcg gtgt 44
171 <210> SEQ ID NO: 18
172 <211> LENGTH: 30
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
175 <214> FEATURE:
176 <215> OTHER INFORMATION: oligonucleotide probe
177 <400> SEQUENCE: 13

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194 aggcgcggga acgtattcac 20
195 <210> SEQ ID NO: 19
196 <211> LENGTH: 22
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
199 <214> FEATURE:
200 <215> OTHER INFORMATION: oligonucleotide probe
201 <400> SEQUENCE: 19
202 attcagctca ctgggcacac gg 22
203 <210> SEQ ID NO: 20
204 <211> LENGTH: 41
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
207 <214> FEATURE:
208 <215> OTHER INFORMATION: oligonucleotide probe
209 <400> SEQUENCE: 20
210 tctgggcctt tgcataagtg agtcagggc ttccttcgtc g 41
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## VERIFICATION SUMMARY

DATE: 03/21/2003

PATENT APPLICATION: US/09/766,880B

TIME: 13:38:07

Input Set : A:\110163-132US2.ST25.txt

Output Set: N:\CRF4\03212003\I766880B.raw